

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L8 | 208 | 604/22-154.cccls. and (plunger\$1 piston\$1) same (valve\$1 seal\$3) near pressure | US-PGPUB; USPAT | OR | OFF | 2009/04/22 17:18 |
| L9 | 34 | 604/22-154.cccls. and (plunger\$1 piston\$1) same (valve\$1 seal\$3) near pressure same outlet | US-PGPUB; USPAT | OR | OFF | 2009/04/22 17:26 |
| L12 | 132 | 604/22-154.cccls. and (piston\$1) same (valve\$1 seal \$3) near pressure | US-PGPUB; USPAT | OR | OFF | 2009/04/22 17:44 |
| L13 | 58 | 604/22-154.cccls. and (piston\$1) same fluid same (valve\$1 seal\$3) near pressure | US-PGPUB; USPAT | OR | OFF | 2009/04/22 17:50 |
| L15 | 183 | 604/22-154.cccls. and (piston\$1) same barrier | US-PGPUB; USPAT | OR | OFF | 2009/04/22 17:58 |
| L18 | 484 | 604/22-154.cccls. and (piston\$1) near (prevent return stop\$3) | US-PGPUB; USPAT | OR | OFF | 2009/04/22 18:08 |
| L19 | 2 | 604/22-154.cccls. and (piston\$1) near (re-use) | US-PGPUB; USPAT | OR | OFF | 2009/04/22 18:17 |
| L20 | 20 | 604/22-154.cccls. and (piston\$1) near (return re- use) same prevent \$3 | US-PGPUB; USPAT | OR | OFF | 2009/04/22 18:18 |
| L21 | 2 | ("3478937") or ("3890971").PN. | USPAT | OR | OFF | 2009/04/22 18:21 |
| S1 | 517 | (604/153).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 13:50 |
| S2 | 778 | (604/151).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 13:50 |

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| S3 | 944 | (604/131).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 13:50 |
| S4 | 469 | (604/93.01).CCLS. | USPAT | OR | OFF | 2009/04/20 13:50 |
| S5 | 319 | (604/93.01).CCLS. | US-PGPUB | OR | OFF | 2009/04/20 13:50 |
| S7 | 315 | (604/48).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 13:51 |
| S8 | 469 | (604/19).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 13:51 |
| S9 | 1074 | (606/167).CCLS. | USPAT | OR | OFF | 2009/04/20 13:51 |
| S10 | 630 | (606/167).CCLS. | US-PGPUB | OR | OFF | 2009/04/20 13:51 |
| S12 | 3 | ("3930505") or ("5370609") or ("5620414")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 13:52 |
| S13 | 2 | wo-9639952-\$ did. | FPRS; EPO; DERWENT | OR | OFF | 2009/04/20 13:52 |
| S14 | 1 | wo-0209798-\$ did. | FPRS; EPO; DERWENT | OR | OFF | 2009/04/20 13:52 |
| S15 | 860 | (606/159).CCLS. | USPAT | OR | OFF | 2009/04/20 14:14 |
| S16 | 318 | (606/159).CCLS. | US-PGPUB | OR | OFF | 2009/04/20 14:14 |
| S17 | 58 | ("4913698" "5019038" "5037431" "5037432" "5097731" "5135482" "5135484" "5163909" "5165602" "5322504").PN. OR ("5620414").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/20 14:14 |
| S18 | 20 | ("4226005" "4265487" "4280735" "4532949" "4652056" "4669229" "4733914" "4872293" "4902073" "4934111").PN. OR ("5097731").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/20 14:18 |

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| S19 | 74 | ("3930505" "4857047" "4878900" "4915691" "5013300" "5037431" "5037432" "5097731" "5135482" "5135484" "5165602").PN. OR ("5322504").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/20 14:19 |
| S20 | 988 | (606/107).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:19 |
| S21 | 112 | ("2648288" "3496874" "3771907" "3818913" "3874826" "3930505" "4111490" "4142524" "4199307" "4216906" "4336800" "4410322" "4435902" "4465438" "4479760" "4479761" "4479762" "4557725" "4560373" "4573883" "4614481" "4635621" "4637551" "4657490" "4662829" "4690672" "4741678" "4749337" "4754929" "4761039" "4776769" "4795217" "4798339" "4798589" "4811902" "4818190" "4827679" "4842584" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/20 14:20 |

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| "4857048" | | | | |
| "4872813" | | | | |
| "4896085" | | | | |
| "4898574" | | | | |
| "4913698" | | | | |
| "4927411" | | | | |
| "4937985" | | | | |
| "4940399" | | | | |
| "4950238" | | | | |
| "4958963" | | | | |
| "5006050" | | | | |
| "5011468" | | | | |
| "5018670" | | | | |
| "5037431" | | | | |
| "5052624" | | | | |
| "5056992" | | | | |
| "5074862" | | | | |
| "5092744" | | | | |
| "5098262" | | | | |
| "5125582" | | | | |
| "5133687" | | | | |
| "5135482" | | | | |
| "5154589" | | | | |
| "5162016" | | | | |
| "5186615" | | | | |
| "5201643" | | | | |
| "5205779" | | | | |
| "5230443" | | | | |
| "5237309" | | | | |
| "5252044" | | | | |
| "5259842" | | | | |
| "5261883" | | | | |
| "5281108" | | | | |
| "5314375" | | | | |
| "5322504" | | | | |
| "5339715" | | | | |
| "5344292" | | | | |
| "5364234" | | | | |
| "5368452" | | | | |
| "5370609" | | | | |
| "5378126" | | | | |
| "5415528" | | | | |
| "5429485" | | | | |
| "5449369" | | | | |
| "5464392" | | | | |
| "5476368" | | | | |
| "5505729" | | | | |
| "5540568" | | | | |
| "5542918" | | | | |
| "5554013" | | | | |
| "5562692" | | | | |
| "5586868" | | | | |
| "5591184" | | | | |

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| | | "5620414" "5647852" "5667102" "5674226" "5713878" "5871462").PN. OR ("6216573").URPN. | | | | |
| S22 | 5 | ((RALF) near2 (KUEHNER)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:28 |
| S23 | 12 | ((MARTIN) near2 (HAGG)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:29 |
| S24 | 1 | ((STEFANIE) near2 (SCHMIDT)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:29 |
| S26 | 7 | jet same piston\$1 same cylinder\$1 same magazine | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:37 |
| S27 | 139 | (604/150).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:39 |
| S29 | 297 | (604/152).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:39 |
| S30 | 247 | (604/154).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:39 |
| S32 | 1536 | (604/22).CCLS. | USPAT | OR | OFF | 2009/04/20 14:40 |
| S33 | 398 | (604/22).CCLS. | US-PGPUB | OR | OFF | 2009/04/20 14:40 |
| S35 | 21 | piston\$1 same cylinder\$1 near magazine | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:42 |
| S36 | 94 | piston\$1 near magazine | US-PGPUB; USPAT | OR | OFF | 2009/04/20 14:46 |
| S39 | 115 | S10 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 15:38 |
| S40 | 172 | S9 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 15:39 |
| S41 | 125 | S15 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 16:10 |
| S42 | 34 | S16 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 16:10 |
| S43 | 576 | S3 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 16:45 |
| S44 | 233 | S32 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 17:08 |
| S45 | 98 | S4 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 17:37 |

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| S46 | 97 | S5 and (piston\$1 plunger\$1) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 17:37 |
| S47 | 6 | pump\$1 same cylinder\$1 near magazine | US-PGPUB; USPAT | OR | OFF | 2009/04/20 17:42 |
| S48 | 453 | pump\$1 same cylinder\$1 near water | US-PGPUB; USPAT | OR | OFF | 2009/04/20 17:43 |
| S51 | 2031 | (piston\$1 pump\$1) same cylinder\$1 same cutting same (water fluid) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 17:44 |
| S52 | 66 | (piston\$1 pump\$1) same cylinder\$1 same cutting near (water fluid) | US-PGPUB; USPAT | OR | OFF | 2009/04/20 17:45 |
| S53 | 3 | (("5505697") or ("5599302") or ("5562692")).PN. | USPAT | OR | OFF | 2009/04/21 09:10 |
| S55 | 78 | plunger\$1 near magazine | US-PGPUB; USPAT | OR | OFF | 2009/04/21 15:28 |
| S56 | 70 | plunger\$1 same magazine same (fluid pressure) same valve | US-PGPUB; USPAT | OR | OFF | 2009/04/21 15:29 |
| S57 | 351 | piston\$1 same magazine same (fluid pressure) same valve | US-PGPUB; USPAT | OR | OFF | 2009/04/21 15:35 |
| S58 | 986 | piston\$1 same magazine same (fluid pressure) | US-PGPUB; USPAT | OR | OFF | 2009/04/21 15:35 |
| S62 | 435 | 604/22-154.ccls. and piston\$1 same (cartridge magazine) same (fluid pressure) | US-PGPUB; USPAT | OR | OFF | 2009/04/21 15:40 |
| S63 | 16 | 606/131-167.ccls. and piston\$1 same (cartridge magazine) same (fluid pressure) | US-PGPUB; USPAT | OR | OFF | 2009/04/21 15:40 |

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| S64 | 103 | 604/22-154.ccls. and piston\$1 same (cartridge magazine) same (fluid pressure) same (change advanc\$3) | US-PGPUB; USPAT | OR | OFF | 2009/04/21 16:02 |
| S66 | 34 | 604/22-154.ccls. and piston\$1 same (cartridge magazine) near (change advanc\$3) | US-PGPUB; USPAT | OR | OFF | 2009/04/21 16:07 |
| S67 | 69 | 604/22-154.ccls. and piston\$1 near (change advanc\$3) same (cartridge magazine) | US-PGPUB; USPAT | OR | OFF | 2009/04/21 16:07 |
| S68 | 23 | ("2995373" "4209014" "4592745" "4636197" "4813937" "4950163" "5019047" "5024662" "5041094" "5078679" "5084021" "5100389" "5429607").PN. OR ("5743879").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/21 16:09 |
| S76 | 160 | 604/22-154.ccls. and (piston) same pressure same air same (ventilation vent\$3) | US-PGPUB; USPAT | OR | OFF | 2009/04/22 10:48 |
| S77 | 19 | 604/22-154.ccls. and (piston) same pressure same air same (ventilation vent\$3) and jet | US-PGPUB; USPAT | OR | OFF | 2009/04/22 10:48 |
| S81 | 55 | 604/22-154.ccls. and (pistons) same pressure and jet | US-PGPUB; USPAT | OR | OFF | 2009/04/22 11:03 |
| S91 | 10 | 606/131-167.ccls. and (plunger\$1 piston\$1 pump) same cutting same (motors) | US-PGPUB; USPAT | OR | OFF | 2009/04/22 11:31 |

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| S92 | 7 | 604/22-154.cccls. and (plunger\$1 piston\$1 pump) same cutting same (motors) | US-PGPUB; USPAT | OR | OFF | 2009/04/22 11:33 |
| S93 | 79 | 604/22-154.cccls. and (plunger\$1 piston\$1 pump) same motor\$1 and cutting and jet | US-PGPUB; USPAT | OR | OFF | 2009/04/22 11:35 |
| S95 | 124 | 604/22-154.cccls. and (plunger\$1 piston\$1 pump) same motor\$1 same (valve\$1 seal \$3) and cutting | US-PGPUB; USPAT | OR | OFF | 2009/04/22 11:55 |
| S96 | 5 | (("5046486") or ("5536242") or ("6994127") or ("5505729") or ("4276023")).PN. | USPAT | OR | OFF | 2009/04/22 12:13 |
| S97 | 1 | wo-0045719-\$ did. | FPRS; EPO; DERWENT | OR | OFF | 2009/04/22 12:29 |
| S98 | 1 | wo-0207798-\$ did. | FPRS; EPO; DERWENT | OR | OFF | 2009/04/22 12:31 |

4/ 22/ 2009 6:36:26 PM

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